

Title (en)

Detecting faults in motors and drives

Title (de)

Erkennung von Fehlern in Motoren und Antrieben

Title (fr)

Détection de défaillances dans des moteurs et des entraînements

Publication

**EP 2787630 B1 20230927 (EN)**

Application

**EP 14163124 A 20140402**

Priority

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- US 201414200843 A 20140307

Abstract (en)

[origin: EP2787630A2] Disclosed herein is a system and method for determining faults in motors 3 and drives 2. The system includes a motor drive 2 that has a DC-link coupled to a power source. A controller system 5 is configured to measure power applied to the DC-link, integrate the power over time to yield energy consumed, and to determine energy that accumulates in operation over time. The controller is further configured to detect a fault condition when the energy that accumulates in operation is less than expected based on the energy consumed.

IPC 8 full level

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CPC (source: EP US)

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